Genomics platform

Current Expensive Instruments 2022

Unit	Cost of acquisition (kSEK)	Year of purchase	Depreciation end year	Annual depreciation (kSEK)	*Current Expensive Instruments*	Depreciation 2022	Depreciation 2023	Depreciation 2024	Depreciation 2025	Depreciation 2026	Depreciation 2027
Ancient DNA				0							
National Genomics Infrastructure (Sthlm)	7 168	2017	2022	1 195	Illumina NovaSeq 6000 BGC17011	836					
National Genomics Infrastructure (Sthlm)	7 412	2019	2023	1 482	NovaSeq 6000 CHDL1804	1 482	1 112				
National Genomics Infrastructure (Sthlm)	2 024	2021	2025	405	Biomek i7 CHDL2108	405	405	405	405	202	
National Genomics Infrastructure (Sthlm)	2 796	2022	2026	559	BioMek i7 Hybrid CHDL2207	513	559	559	559	559	47
National Genomics Infrastructure (Sthlm)	6 613	2022	2024	2 204	NovaSeq 6000 sequencing instrument CHD2213A	1 102	2 204	2 204	1 102		
Microbial Single Cell Genomics				0							
National Genomics Infrastructure (SNP&SEQ)	7 917	2017	2022	1 320	NovaSeq 6000 #1, depreciation until end of July 2022.	920					
Eukaryotic Single Cell Genomics	2 479	2019	2024	413	Takara iCell8 cx (82% of 3023 kSEK)	496	496	289			
National Genomics Infrastructure (NGI) UGC	7 023	2021	2023	2 341	Sequencing instrument PacBio Sequel IIe + associated compute resourse	2 341	2 341				
National Genomics Infrastructure (NGI) UGC	678	2013	2022	68	Server PacBio + expansions (Purchase 2013-2018)	5					
National Genomics Infrastructure (NGI) UGC	5 871	2019	2022	1 468	Sequencing instrument PacBio Sequel II + associated compute resourse	1 303					
National Genomics Infrastructure (NGI) UGC	3 401	2017	2022	567	Sequencing instrument PacBio Sequel #2 + UPS	618					
National Genomics Infrastructure (NGI) UGC	243	2020	2023	61	Equipment for library preparation	81	40				
					Sum Depreciation current instruments	**10 102**	**7 157**	**3 457**	**2 066**	**762**	**47**

New Instruments

Unit	Cost of acquisition (kSEK)	Year of purchase	Depreciation end year	Annual depreciation (kSEK)	*New Instruments (5 year perspective)*	Depreciation 2022	Depreciation 2023	Depreciation 2024	Depreciation 2025	Depreciation 2026	Depreciation 2027
Ancient DNA				0	No expensive instrument acquistions planned						
Microbial Single Cell Genomics				0	No expensive instrument acquistions planned						
National Genomics Infrastructure (Sthlm)	3 000	2022	2027	600	Benchtop sequencing instrument	100	600	600	600	600	500
National Genomics Infrastructure (Sthlm)	10 000	2023	2027	2 000	Sequencing instrument		2 000	2 000	2 000	2 000	2 000
National Genomics Infrastructure (Sthlm)	10 000	2024	2028	2 000	Sequencing instrument			2 000	2 000	2 000	2 000
National Genomics Infrastructure (SNP&SEQ)	4 000	2022	2026	800	Two pipetting robots, e.g. Biomek i7. Procurement ongoing		800	800	800	800	800
National Genomics Infrastructure (NGI) UGC	3 000	2022	2025	1 000	Oxford Nanopore PromethION P24 system	333	1 000	1 000	667		
National Genomics Infrastructure (NGI) UGC	8 500	2023	2025	4 250	Sequencing instrument Next Generation PacBio		1 416	2 833	2 833	1 416	
Eukaryotic Single Cell Genomics	3 600	2023	2027	720	Possibly a Chromium Connect		720	720	720	720	720
					Sum Depreciation New Instruments	**433**	**6 536**	**9 953**	**9 620**	**7 536**	**6 020**
					Cumulative cost of acquisition	**2 165**	**32 680**	**49 765**	**48 100**	**37 680**	**30 100**
					Total Depreciation for Platform	***10 535***	***13 693***	***13 410***	***11 686***	***8 298***	***6 067***